

The Trail Inventory of Wheeler NWR

Decatur, AL



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Federal Highway Administration
Central Federal Lands Highway Division
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Wheeler NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Gravel	3.12	100%	3.12
Asphalt	0.02	100%	0.02
Boardwalk	0.40	100%	0.40
Total	3.54	100%	3.54

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC3	3.12	100%	3.12
TC5	0.42	100%	0.42
Total	3.54	100%	3.54

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	WHEEL_C2_0017
T300	Trailhead	1	No	0.00	WHEEL_C2_0016
T300	Sign	1	No	0.01	WHEEL_C2_0018
T300	Bridge -sf	315	No	0.51	WHEEL_C2_0019
T301	Trailhead	1	No	0.00	WHEEL_C2_0022
T301	Sign	1	No	0.00	WHEEL_C2_0023
T301	Sign	1	No	0.02	WHEEL_C2_0024
T301	Begin Section	1	No	0.23	WHEEL_C2_0026
T301	Sign	1	No	0.23	WHEEL_C2_0025
T301	Lookout/Ob Deck	1	No	0.49	
T500	Trailhead	1	No	0.00	WHEEL_C2_0001
T500	Begin Section	1	No	0.02	WHEEL_C2_0003
T500	Sign	1	No	0.02	WHEEL_C2_0002
T500	Begin Section	1	No	0.11	
T500	Boardwalk -lf	85	No	0.19	WHEEL_C2_0004
T500	Begin Section	1	No	0.23	WHEEL_C2_0005
T500	Begin Section	1	No	0.27	
T501	Sign	1	No	0.00	WHEEL_C2_0007
T501	Trailhead	1	No	0.00	WHEEL_C2_0008
T501	Begin Section	1	No	0.01	WHEEL_C2_0010
T501	Sign	4	Yes	0.02	WHEEL_C2_0009
T501	Begin Section	1	No	0.07	
T501	Bridge -sf	243	No	0.08	WHEEL_C2_0011
T502	Trailhead	1	No	0.00	WHEEL_C2_0013
T502	Gate	1	No	0.00	

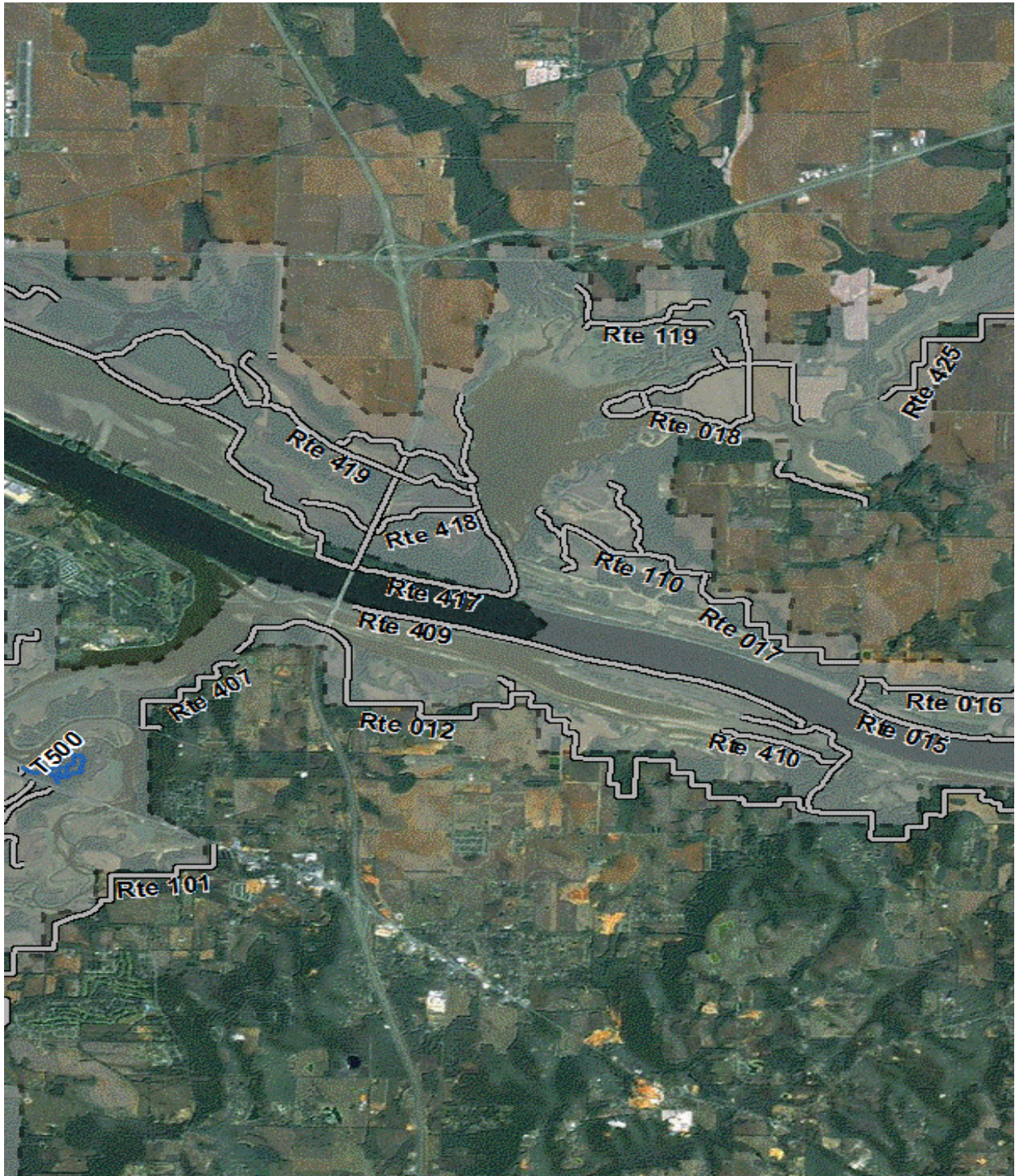
T502	Sign	1	No	0.00	WHEE_C2_00 12
T502	Sign	2	Yes	0.03	WHEE_C2_00 14
T502	Sign	1	No	0.05	
T502	Bridge -sf	91	No	0.07	WHEE_C2_00 15

sf - square feet

lf - linear feet

cf - cubic feet

Wheeler NWR Trail Location Map



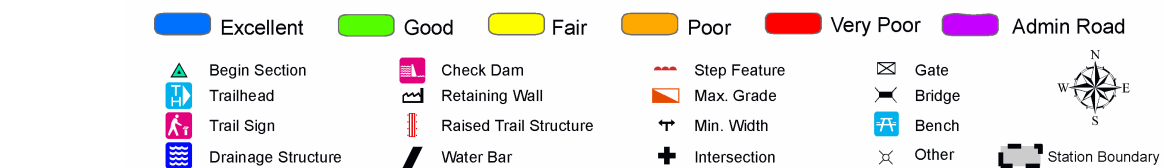
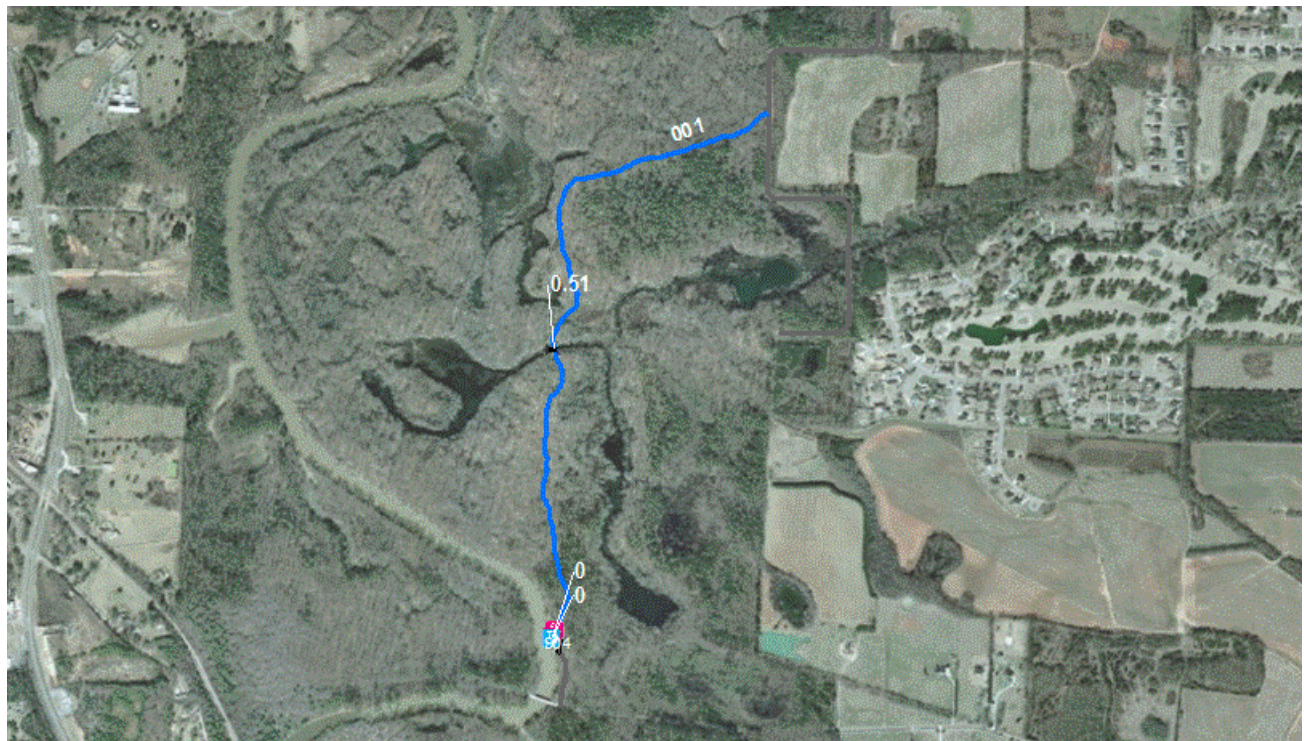
Trails ID

Station Name: Wheeler NWR

Org Code: 43660

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Dancy Bottoms Nature Trail	Gravel	10019440	1.18	From Dancy Bottoms Parking (Rte 904) to Bean Place Road (Rte 101)
T301	Beaver Dam Boardwalk	Boardwalk	10019444	0.26	From Old HWY 20 Parking lot to Observation Platform
T301	Beaver Dam Boardwalk	Gravel	10019444	0.23	From Old HWY 20 Parking lot to Observation Platform
T500	Flint Creek Trail	Asphalt	10019442	0.02	From Handicapped Fishing (Rte 901) to end of loop
T500	Flint Creek Trail	Boardwalk	10019442	0.08	From Handicapped Fishing (Rte 901) to end of loop
T500	Flint Creek Trail	Gravel	10019442	1.20	From Handicapped Fishing (Rte 901) to end of loop
T501	Atkeson Cypress Trail	Boardwalk	10019441	0.06	From Visitor Center Parking (Rte 902) to End of Loop
T501	Atkeson Cypress Trail	Gravel	10019441	0.40	From Visitor Center Parking (Rte 902) to End of Loop
T502	Wildlife Observation Building	Gravel	10019446	0.11	From Visitor Center Parking (Rte 902) to Wildlife Observation Building

TRAIL CONDITION



Trail Name: Dancy Bottoms Nature Trail
Trail Number: T300

Refuge Name: Wheeler NWR
Region: 4

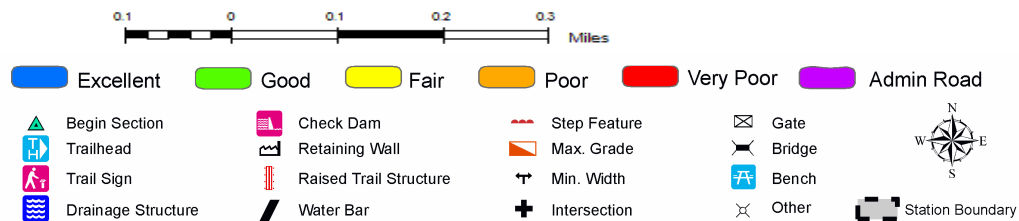
Total Length: 1.18 Miles

Section Number	001
Section Length (miles)	1.18
SAMMS Number	10019440
Rating Date	06/26/2006
Trail Section Information	
Trail Class	TC3
Surface Type	Gravel
Surface Firmness	Firm
Width (inches)	48
Average Grade (%)	1.3
Average X-slope (%)	0.40
Trail Condition Information	
Deferred Maintenance	\$731
CRV	\$102,280
FCI	0.01
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$731	\$102,280	0.01	Excellent

TRAIL CONDITION



Trail Name: Beaver Dam Boardwalk
Trail Number: T301

Refuge Name: Wheeler NWR
Region: 4

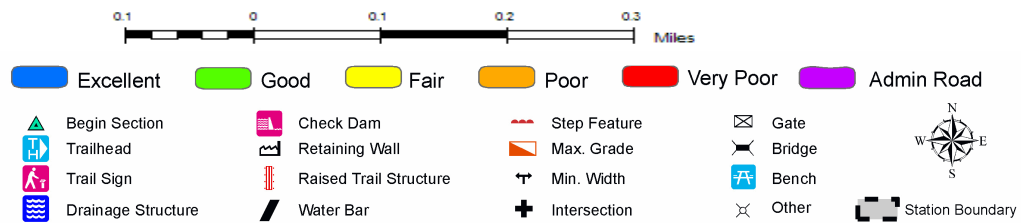
Total Length: 0.49 Miles

Section Number	001	002
Section Length (miles)	0.23	0.26
SAMMS Number	10019444	10019444
Rating Date	06/26/2006	06/26/2006
Trail Section Information		
Trail Class	TC3	TC5
Surface Type	Gravel	Boardwalk
Surface Firmness	Hard	Hard
Width (inches)	60	60
Average Grade (%)	0.9	0.9
Average X-slope (%)	0.60	0.60
Trail Condition Information		
Deferred Maintenance		
CRV	\$24,919	\$139,610
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$164,530	0.00	Excellent

TRAIL CONDITION



Trail Name: Flint Creek Trail
Trail Number: T500

Refuge Name: Wheeler NWR
Region: 4

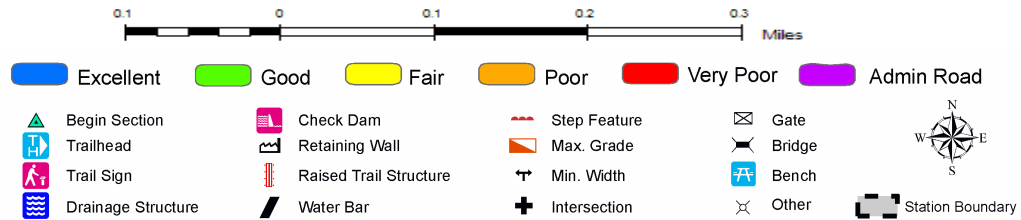
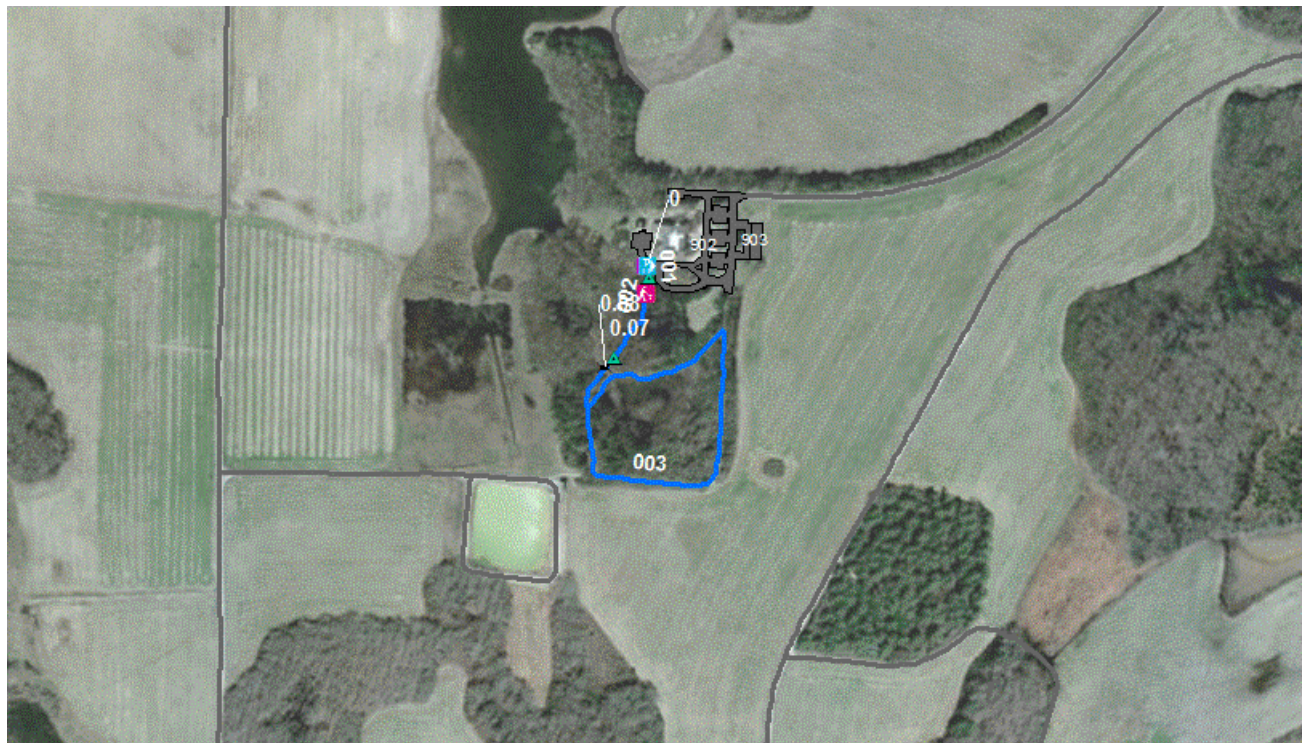
Total Length: 1.30 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.02	0.08	0.91	0.22	0.07
SAMMS Number	10019442	10019442	10019442	10019442	10019442
Rating Date	06/26/2006	06/26/2006	06/26/2006	06/26/2006	06/26/2006
Trail Section Information					
Trail Class	TC5	TC5	TC3	TC3	TC3
Surface Type	Asphalt	Boardwalk	Gravel	Gravel	Gravel
Surface Firmness	Paved	Hard	Hard	Hard	Hard
Width (inches)	96	96	96	96	96
Average Grade (%)	1.9	1.9	1.9	0.9	0.6
Average X-slope (%)	2.60	2.60	2.60	1.50	0.90
Trail Condition Information					
Deferred Maintenance					
CRV	\$4,447	\$68,727	\$157,750	\$38,138	\$12,136
FCI	0.00	0.00	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$281,198	0.00	Excellent

TRAIL CONDITION



Trail Name: Atkeson Cypress Trail
Trail Number: T501

Refuge Name: Wheeler NWR
Region: 4

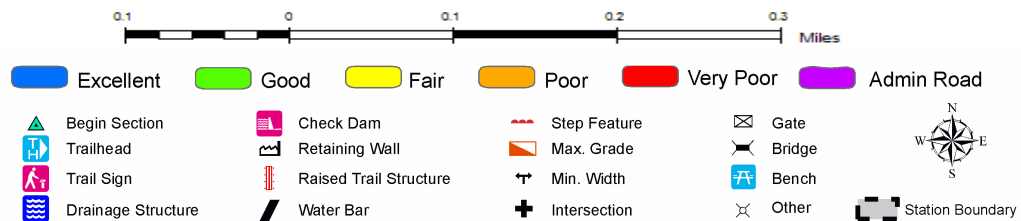
Total Length: 0.46 Miles

Section Number	001	002	003
Section Length (miles)	0.01	0.06	0.39
SAMMS Number	10019441	10019441	10019441
Rating Date	06/26/2006	06/26/2006	06/26/2006
Trail Section Information			
Trail Class	TC3	TC5	TC3
Surface Type	Gravel	Boardwalk	Gravel
Surface Firmness	Hard	Hard	Hard
Width (inches)	72	72	72
Average Grade (%)	0.9	0.9	0.9
Average X-slope (%)	1.50	1.50	1.50
Trail Condition Information			
Deferred Maintenance			
CRV	\$1,301	\$38,665	\$50,705
FCI	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$90,671	0.00	Excellent

TRAIL CONDITION



Trail Name: Wildlife Observation Building
Trail Number: T502

Refuge Name: Wheeler NWR
Region: 4

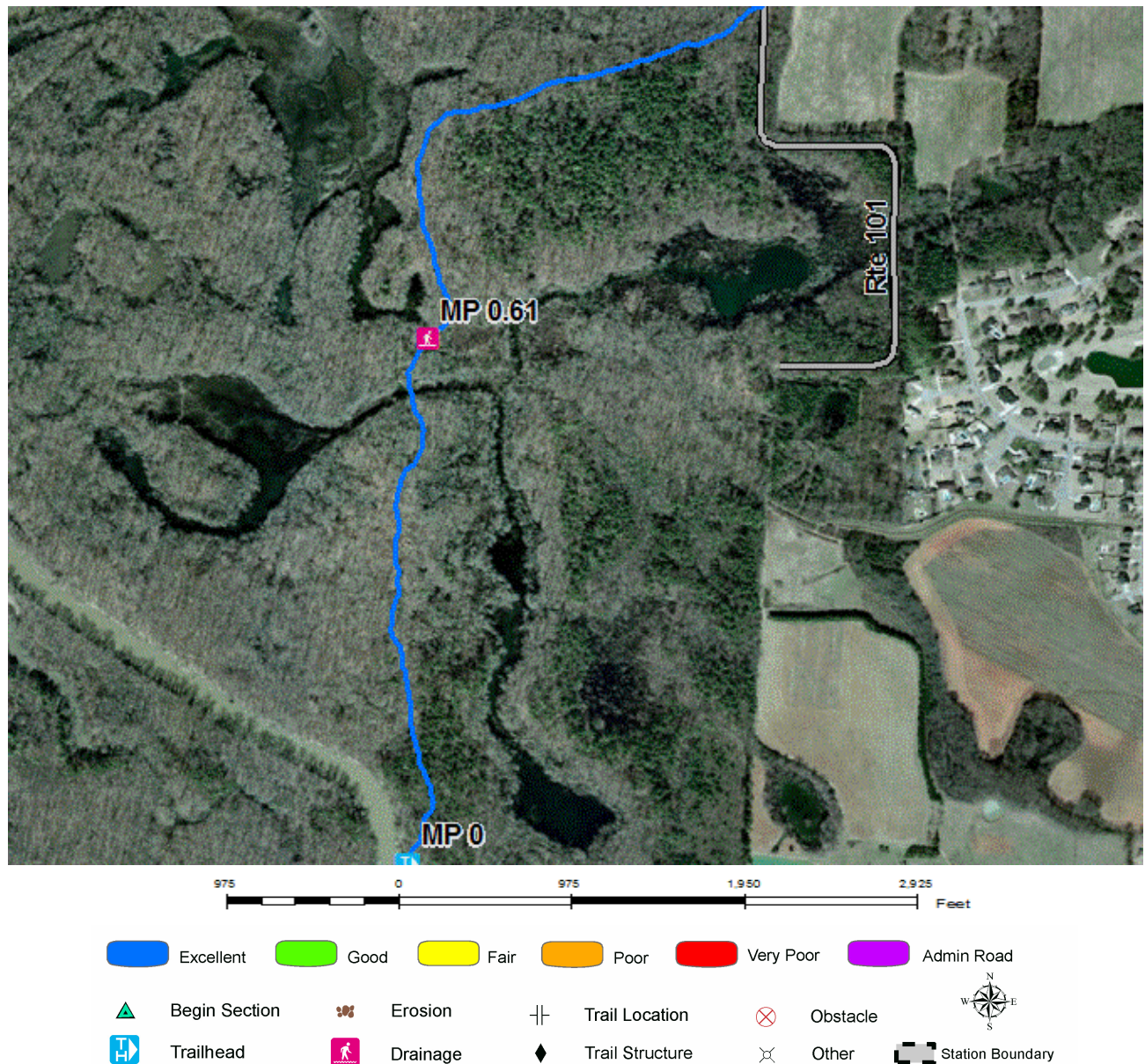
Total Length: 0.11 Miles

Section Number	001
Section Length (miles)	0.11
SAMMS Number	10019446
Rating Date	06/26/2006
Trail Section Information	
Trail Class	TC3
Surface Type	Gravel
Surface Firmness	Hard
Width (inches)	72
Average Grade (%)	2.0
Average X-slope (%)	0.50
Trail Condition Information	
Deferred Maintenance	
CRV	\$14,302
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$14,302	0.00	Excellent

TRAIL DEFICIENCY



Trail Name: Dancy Bottoms Nature Trail

Refuge Name: Wheeler NWR

Trail Number: T300

Region: 4

Total Length: 1.18 Miles

Mile Post	0.61
Section Number	001
Photo Number	WHEE_C2_0020
Deficiency	Drainage
Action	Build/Add
Item	Puncheon -lf
Quantity	80
Deferred Maintenance	\$731

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0016 - MP 0.00 - Trailhead

TRAIL NUMBER: T300
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0017 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0018 - MP 0.01 - Sign

TRAIL NUMBER: T300
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0019 - MP 0.51 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0022 - MP 0.00 - Trailhead

TRAIL NUMBER: T301
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0023 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0024 - MP 0.02 - Sign

TRAIL NUMBER: T301
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0025 - MP 0.23 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0026 - MP 0.23 - Begin Section

TRAIL NUMBER: T500
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0001 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0002 - MP 0.02 - Sign

TRAIL NUMBER: T500
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0003 - MP 0.02 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0004 - MP 0.19 - Boardwalk -lf

TRAIL NUMBER: T500
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0005 - MP 0.23 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0008 - MP 0.00 - Trailhead

TRAIL NUMBER: T501
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0007 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0009 - MP 0.02 - Sign

TRAIL NUMBER: T501
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0011 - MP 0.08 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0010 - MP 0.01 - Begin Section

TRAIL NUMBER: T502
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0012 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0013 - MP 0.00 - Trailhead

TRAIL NUMBER: T502
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0014 - MP 0.03 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502
STATION: Wheeler NWR
DATE: 06/26/2006



Photo # WHEE_C2_0015 - MP 0.07 - Bridge -sf

Glossary of Terms and Abbreviations

Acc Info	Accessibility information available at trailhead.
Action	Action required to correct deficiency.
Admin Road	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
Alt SAMMS	SAMMS number of Alternate Facility Type.
Alt Type	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
AvgGrade	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
AvgSlope	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
Check Dam	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
Condition	Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
Crib Wall	Retaining wall.
Current Replacement Value (CRV)	The value of an asset determined by the estimated cost of replacing it.
Def type	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
Deferred Maintenance (DM)	Maintenance that was not performed when scheduled.

Elem ID	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
Facility Condition Index (FCI)	DM/CRV
Grouped Features	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	Item on which the “Action” (see above) will be performed.
Manage_Use	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.